

Level Transmitter Specifications		
S.No.	Parameter	Description
1	Principle of Operation	Detection of reflected ultrasonic pulse
2	Material Inside Tank(Upper/Lower)	Water
3	Fluid property	Liquid
4	Specific Gravity	1
5	Viscosity (cP)	1
6	Type of instrument	Ultrasonic
7	Pressure in Tank (Kg / cm ² g)	Atmospheric
8	Temp (Deg c.) Nor / Design	80 Deg.C
9	Tank: Type / MOC	Vertical Cylindrical Open , Flat Bottom Type / IS 2062 Gr A
10	Tank Dimensions	5.5 Dia X 5.1 LD + 0.5 FB
11	Nozzle Projection	150 mm
12	Agitator	NA
13	Tank Insulation / Thickness	NA
14	Measuring Range	0 - 5.1 M (0.5 M FB)
15	Calibration Range	4900 mm
16	Humidity	1% to 95% non condensing
17	Accuracy	±3 mm
18	Blocking distance	*
19	Operating frequency	10KHz to 50 KHz (typical)
20	Process Connection	3 " ANSI 150 # RF / ANSI ASME B 16.5
21	Mounting	Integral
22	Type	Microprocessor based
23	Power supply	240V AC 50 Hz
24	Signal output	4-20 mA DC, SMART with HART
25	Load	600 ohm load
26	Configuration	Through soft keys
27	Diagnosis	Online
28	Repeatability	0.25% of span
29	Resolution	0.1% of span
30	Construction	Plug on board
31	Hysteresis	Fully adjustable preferred
32	Mounting	Integral with sensor
33	Display	Large alpha-numeric back lit LCD/LED
34	Loop Powered Indicator	Required
35	Enclosure	IP-65 Epoxy painted cast aluminium housing
36	Area Classification	SAFE
37	Cable Connection	3/4" ET
38	Accessories	Cable gland with PVC Hood, prefab cable, mounting accessories
39	Make	E&H, Vega
40	Model	*

— K.L. Tangirala